

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Andrew L. DARROW, Jenson QI and Patricia ANDRADE-GORDON

Serial No.: Not Assigned Art Unit: Not Assigned

Filed: 10 December 2001 Examiner: Not Assigned

For: **ZYMOGEN ACTIVATION SYSTEM**

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10 December 2001

(Date of Deposit)

John W. Wallen, III, Esq.

(Name of applicant, assignee, or Registered Representative)

(Signature)

10 December 2001

(Date of Signature)

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Statement in Accordance with §1.97(e) (attached); or

☐ Please charge Deposit Account No. 10-0750/ORT-XXXX/JWW the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

☐ Statement in Accordance with §1.97(e) (attached); or

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☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith, EXCEPT THAT:

☒ In view of the voluminous nature of references, and since all references cited on the attached form PTO-1449 are of record in the Parent Application Serial No.: 09/386,642, and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☒ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

- ☐ There are no listed references which are not in the English language.
- ☐ The relevance of those listed references which are not in the English language is as follows:
- ☐ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.
- ☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/ORT-1552/JWW. This form is submitted in triplicate.

Respectfully submitted,

John W. Wallen, III, Esq.
Reg. No. 35,403
Attorney for Applicants

Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, New Jersey 08933-7003
(858) 784-3239
DATE: 10 December 2001

SUBMISSION UNDER MPEP 609 D

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First Named Inventor	DARROW
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	ORT-1552

jc997 U.S. PTO
10/015989



U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Name of Patentee or Applicant of Cited Document	U.S. Patent Document		Pages, Columns, Lines, where relevant passages or relevant figures appear
			Number	Kind Code ² (if known)	
		Bang et al.	US 4,992,373		
		Bang et al.	US 5,196,322		
		Forster et al.	US 5,200,340		
		Van Eekelen et al.	US 5,217,878		
		Gerlitz et al.	US 5,270,178		
		Samal et al.	US 5,278,062		
		Berg et al.	US 5,326,700		
		Mosher et al.	US 5,342,762		
		Lavallie, Edward R.	US 5,665,566		
		Comb et al.	US 5,834,247		

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Name of Patentee or Applicant of Cited Document	Foreign Patent Document			Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
			Office ³	Number ⁴	Kind Code ⁵		
		SmithKline Beecham PLC	PCT	EP 0887414			
		Boehringer Mannheim GmbH	PCT	WO 97/47737			
		Symbiosis Genetics, Inc.	PCT	WO 98/49326			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Altschul et al., (1990) Basic Local Alignment.	
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Examiner Signature	Date Considered
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	First Named Inventor	DARROW
	Attorney Docket Number	ORT-1552

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		<u>Ishii</u> et al., "Kinetics of Thrombin Receptor Cleavage on Intact Cells. Relation to Signaling", <i>J. Biol. Chem.</i> (1993) 268:9780-9786.	
		<u>Kossiakkoff</u> et al., "Structure of Bovine Trypsinogen at 1.9 .ang. Resolution", <i>Biochemistry</i> (1977) 16:654-664.	
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		K. Tachias and E. L. Madison, "Converting Tissue-Type Plasminogen Activator into a Zymogen", <i>J. Biol. Chem.</i> (1996) 271:28749-28752.	
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Examiner Signature		Date Considered	
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